O1 P E C APR 2 1 2004 &

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

or the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sub	Substitute for form 1449A/B/PTO		Complete if Known			
-	INFORMATION DISCLOSURE			Application Number	10/440,13/013 10/644,013	
INFORMATION DISCLOSURE				Filing Date	August 20, 2003	
S	STATEMENT BY APPLICANT (Use as many sheets as necessary)			First Named Inventor	Koji Naganawa	
_				Art Unit	N/A	
				Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	Y0647.0145/0US0	

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
Ju	AA	US-5,931,927	08-03-1999	Takashima			
M	AB	US-6,005,422	12-21-1999	Morinaka et al.			

		FOREI	GN PATENT	DOCUMENTS		
Examiner	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
Initials*		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				T⁵
K	BA	EP 0 886 200 A3	01-02-2003	Nokia Corporation		
h	BB	EP 0 444 774 A3	01-24-1991	Raytheon Company		
1	BC	WO 02/039290 A3	05-16-2002	Intel Corporation		

\*EXAMINER: Initial if-reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		

<sup>\*</sup>EXAMINER: Initial If reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

10-29-04

James B. Ch

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.